	SPECIFICATION FOR PHOTO DIODES NO.
	Part No: SY-75PD

ABSOLUTE MAXIMUM RATINGS (Ta=25℃)

CHARACTERISTIC	SYMBOL	RATINGS	UNIT
REVERSE VOLTAGE	VR	20	V
POWER DISSIOATUN	PD	150	MW
ACTIOVE AREA (2.25X2.25mm)	AA	6.71	mm^2
OPERATTING TEMPERATURE	TOPR	-10 ------→80	℃
STORAGE TEMPERATURE	Tstg	-30 ------→70	℃
LEAD SOLDERING TEMPERATURE	(2mm From Case Bottom 230 ℃ For 3 Sec)		

2. ELECTRO-OPTICAL CHARACTERISTICS (Ta=25℃)

CHARACTERISTICS	SYMBOL	CONDITION	MIN	TYP	MAX	UNIT
SPECTRAL SENSITIVITY	λ		700		1200	nm
PEAK WAVELENGTH	λP			940		nm
OPEN CIRCUIT VOLTAGE	VOP	E=1.000 Lux		350		mv
SHORT CIRCUIT CURRENT	ISH	E=1.000 Lux		75		uA
DARK CURRENT	ID	VR=10V			30	nA
HALF ANGLE	△θ			±60		deg

3. PACKAGE DIMENSION: (UNIT: mm)